

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. DERM1100-6	Application No. Unassigned
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Rheins and Morhenn	
		Filing Date October 11, 2001	Group Art Unit Unassigned

 10/11/01
 09/976356
 10/11/01

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
RBK	AC	Farage, M.A., et al., "DEVELOPMENT OF A NONINVASIVE METHOD FOR ASSESSING HUMAN SKIN IRRITATION," The Toxicologist (1997) Vol. 36, No. 1, Part 2, pp. 365.
RBK	AD	Nickoloff, B.J., M.D., Ph.D., et al., "Perturbation of epidermal barrier function correlates with initiation of cytokine cascade in human skin," Journal of the American Academy of Dermatology (1994) Vol. 30, No. 4, pp. 535-546.
RBK	AE	Tetsuji, H., et al., "Elevation of Interleukin 1 Receptor Antagonist in the Stratum Corneum of Sun-exposed and Ultraviolet B-irradiated Human Skin," The Journal of Investigative Dermatology (1996) Vol. 106, No. 5, pp. 1102-1107.
RBK	AF	Weigand, D.A., M.D., et al., "REMOVAL OF STRATUM CORNEUM IN VIVO: AN IMPROVEMENT ON THE CELLOPHANE TAPE STRIPPING TECHNIQUE," The Journal of Investigative Dermatology (1973) Vol. 60, No. 2, pp. 84-87.
RBK	AG	van Hoogdalem, Ewoud J., "Assay of Erythromycin in Tape Strips of Human Stratum corneum and Some Preliminary Results in Man" Skin Pharmacol (1992) Vol. 5, pp. 124-128.
RBK	AH	van der Molen, R.G., et al., "Tape stripping of human stratum corneum yields cell layers that originate from various depths because of furrows in the skin," Archives of Dermatological Research (1997) Vol. 289, pp. 514-518.
RBK	AI	Dreher, F., et al., "Colorimetric Method for Quantifying Human Stratum Corneum Removed by Adhesive-Tape-Stripping," Acta Derma Venereol (Stockholm), (1998) Vol. 78, pp. 186-189.
RBK	AJ	Martin, E., et al., "A Critical Comparison of Methods to Quantify Stratum corneum Removed by Tape Stripping," Skin Pharmacology (1996) Vol. 9, pp. 69-77.
RBK	AK	Goldschmidt, H., M.D., et al., "Desquamation of the Human Horny Layer," Archives of Dermatology (1967) Vol. 95, pp. 583-586.
RBK	AL	Hojyo-Tomoka, M.D., et al., "Does Cellophane Tape Stripping Remove the Horny Layer?" Archives of Dermatology (1972) Vol. 106, No. 5, pp. 767-768.
RBK	AM	Klaschka, F., M.D., et al., "INDIVIDUAL TRANSPARENCY PATTERNS OF ADHESIVE-TAPE STRIP SERIES OF THE STRATUM CORNEUM," International Journal of Dermatology (1977), Vol. 16, No. 10, pp. 836-841.
RBK	AN	Klaschka, F., et al., "New Measuring Device of Horny Layer Transparency," Archives of Dermatology (1975) Vol. 254, pp. 313-325.
RBK	AO	Katz, H.I., M.D., et al., "Skin-Surface Touch Print for Diagnosing Fungal Infections," American Family Physician (1985) Vol. 31, No. 4, pp. 189-194.

Examiner Signature <i>Raimund B. Kapra</i>	Date Considered 9/17/2003
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Other Documents (include Author, Title, Date, and Place of Publication)		
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RBK	AP	Van Der Valk, P.G.M., et al., "A functional study of the skin barrier to evaporative water loss by means of repeated cellophane-tape stripping," Clinical and Experimental Dermatology (1990) Vol. 15, No. 3, pp. 180-182.
RBK	AQ	Potts, R.O., et al., "Physical Methods for Studying Stratum Corneum Lipids," Seminars in Dermatology (1992) Vol. 11, No. 2, pp. 129-138.
RBK	AR	Farage, M.A., et al., "Further Development of Noninvasive Method for Assessing Human Skin Irritation," Abstract #1909, The Proctor & Gamble Company, (1998).

Examiner Signature <i>Ronald B. Kaport</i>	Date Considered 9/17/2003
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
RBK	AA	5,753,612	5/19/98	Mitrani	514	2	
RBK	AB	4,971,800	11/20/90	Chess <i>et al.</i>	424	449	
RBK	AC	4,537,776	8/27/85	Cooper	514	424	
RBK	AD	5,460,939	10/24/95	Hansbrough <i>et al.</i>	435	1.1	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AF	

Substitute Disclosure Form (PTO-1449)

Notice of References Cited

Application/Control No.

09/375,609

Applicant(s)/Patent Under
Reexamination
Rheins et al.

Examiner

Sarada C Prasad

Art Unit

1646

Page 1 of 1

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
<input type="checkbox"/>	U	Kondo et al. Characterization of Epidermal Cytokine Profiles in Sensitization and elicitation Phases of Allergic Contact dermatitis as well as Irritant Contact dermatitis in Mouse skin. Lymphokine and Cytokine Res. 1994, Vol. 13, No. 6, pages 367-375.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	V	Nickoloff et al. Keratinocyte Interleukin-10 Expression is Upregulated in Tape-stripped skin, poison Ivy dermatitis, and Sezary syndrome, but not in psoriatic plaques. Clinical Immunology and Immunopathology. October 1994, Vol.73, NO. 1, pages 63-68.	<input type="checkbox"/>	<input type="checkbox"/>
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*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

**APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 7

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: DERM1100-6	Serial No.: 09/976,356	RECEIVED NOV 20 2002 TECH CENTER 1600/2900
	Applicants: Rheins and Morhenn		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: October 11, 2001	Group Art Unit: 1646	

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RBK	AA	6,355,439 B1	03/12/02	Chung et al.	435	6	09/22/99

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
RBK							

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RBK	AB	Cosini and Galli, "Cytokines and Irritant Contact Dermatitis," <i>Toxicology Letters</i> , 102-103:277-282, Elsevier (1998).
RBK	AC	Dreher et al., "Colorimetric Method for Quantifying Human <i>Stratum Corneum</i> Removed by Adhesive-Tape Stripping," <i>Acta Derma Venereol</i> , 78:186-189, Scandinavian University Press (1998).
RBK	AD	Farage, M.A. et al., "Further Development of Noninvasive Method for Assessing Human Skin Irritation," Abstract #1909, The Proctor & Gamble Company, (1998)
RBK	AE	Freedberg et al., "Keratins and the Keratinocyte Activation Cycle," <i>The Journal of Investigative Dermatology</i> , 116(5):633-640, The Society for Investigative Dermatology, Inc. (2001).
RBK	AF	Goldschmidt and Kligman, "Desquamation of the Human Horny Layer," <i>Arch. Derm</i> , 95:583-586, American Medical Association (1967).
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EXAMINER Daniel B. Kapur	DATE CONSIDERED 9/17/2003
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
U.S. Department of Commerce Patent and
Trademark Office

Docket No.:
DERM1100-6

Serial No.:
09/976,356

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Applicants: Rheins and Morhenn

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BY APPLICANT

Filing Date:
October 11, 2001

Group Art Unit
1646

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RBK	AH	Hirao et al., "Elevation of Interleukin 1 Receptor Antagonist in the Stratum Corneum of Sun-Exposed and Ultraviolet B-Irradiated Human Skin," <i>The Journal of Investigative Dermatology</i> , 106(5):1102-1107, The Society for Investigative Dermatology, Inc. (1996).
RBK	AI	Hojyo-Tomoka and Kligman, "Does Cellophane Tape Stripping Remove the Horny Layer?" <i>Arch. Derm.</i> , 106(5):767-768 (1972).
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RBK	AK	Katz et al., "Skin-Surface Touch Print for Diagnosing Fungal Infections," <i>American Family Physician</i> , 31(4):189-194, American Academy of Family Physicians (1985).
RBK	AL	Klaschka and Norenberg, "Individual Transparency Patterns of Adhesive-Tape Strip Series of the Stratum Corneum," <i>International Journal of Dermatology</i> , 16(10):836-841, J.B. Lippincott Company (1997).
RBK	AM	Klaschka and Nörenberg, "New Measuring Device of Horny Layer Transparency," <i>Arch. Derm. Res.</i> , 254:313-325, Springer-Verlag (1975).
RBK	AN	Kondo et al., "Characterization of Epidermal Cytokine Profiles in Sensitization and Elicitation Phases of Allergic Contact Dermatitis as Well as Irritant Contact Dermatitis in Mouse Skin," <i>Lymphokine and Cytokine Research</i> , 13(6):367-375, Mary Ann Liebert, Inc. (1994).
RBK	AO	Martin et al., "A Critical Comparison of Methods to Quantify Stratum corneum Removed by Tape Stripping," <i>Skin Pharmacol.</i> , 9:69-77 S. Karger AG (1996).
RBK	AP	Nickoloff and Naidu, "Perturbation of Epidermal Barrier Function Correlates with Initiation of Cytokine Cascade in Human Skin," <i>Journal of the American Academy of Dermatology</i> , 30(4):535-546, American Academy of Dermatology, Inc. (1994).
RBK	AQ	Nickoloff et al., "Keratinocyte Interleukin-10 Expression is Upregulated in Tape-Stripped Skin, Poison Ivy Dermatitis, and Sezary Syndrome, but Not in Psoriatic Plaques," <i>Clinical Immunology and Immunopathology</i> , 73(1):63-68, Academic Press, Inc. (1994).

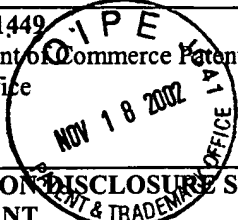
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11/17/2003

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: October 11, 2001	Group Art Unit: 1646	

RBK	AR	Ohmen et al., "Overexpression of IL-10 in Atopic Dermatitis," <i>The Journal of Immunology</i> , 154:1956-1963, The American Association of Immunologists (1995).
RBK	AS	Perkins et al., "Development of a Noninvasive Method for Assessing Human Skin Irritation," <i>The Toxicologist</i> , 36(1):365, Academic Press, Inc. (1997).
RBK	AT	Perkins et al., "A Noninvasive Method to Assess Skin Irritation and Compromised Skin Conditions Using Simple Tape Adsorption of Molecular Markers of Inflammation," <i>Skin Res. Technol.</i> , 7(4):227-237 (2001).
RBK	AU	Potts and Francoeur, "Physical Methods for Studying Stratum Corneum Lipids," <i>Seminars in Dermatology</i> , 11(2):129-138, W.B. Saunders Company (1992).
RBK	AV	Ryan and Gerberick, "Cytokine mRNA Expression in Human Epidermis after Patch Treatment with Rhus and Sodium Lauryl Sulfate," <i>American Journal of Contact Dermatitis</i> , 10(3):127-135, W.B. Saunders Company (1999).
RBK	AW	van der Molen et al., "Tape Stripping of Human Stratum Corneum Yields Cell Layers that Originate from Various Depths because of Furrows in the Skin," <i>Arch. Dermatol. Res.</i> , 289:514-518, Springer-Verlag (1997).
RBK	AX	van der Valk and Maibach, "A Functional Study of the Skin Barrier to Evaporative Water Loss by Means of Repeated Cellophane-Tape Stripping," <i>Clinical and Experimental Dermatology</i> , 15(3):180-182 (1990).
RBK	AY	van Hoogdalem, "Assay of Erythromycin in Tape Strips of Human Stratum corneum and Some Preliminary Results in Man," <i>Skin Pharmacol.</i> , 5:124-128, S. Karger AG (1992).
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RBK	BA	Yawalkar and Pichler, "Pathogenesis of Drug-Induced Exanthema," <i>Int. Arch. Allergy Immunol.</i> , 124:336-338, S. Karger AG (2001).

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RBK	AA	4,537,776	08/27/1985	Eugene R. Cooper			
RBK	AB	4,971,800	10/20/1990	Samuel Chess et al.			
RBK	AC	5,460,939	10/24/1995	John F. Hansbrough and Gail K. Naughton			
RBK	AD	5,753,612	05/19/1998	Eduardo Mitrani			
RBK	AE	5,811,239	09/22/1998	Elizabeth G. Frayne			
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EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)

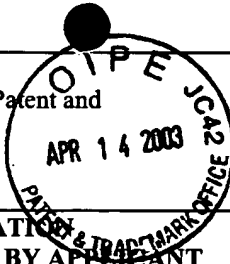
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EXAMINER <i>Ramond B. Kaput</i>	DATE CONSIDERED <i>9/17/2003</i>
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Applicant(s): Rheins and Morhenn		Filing Date: October 11, 2001
		Group Art Unit: 1646



RBL	AJ	Garofano, L. et al., "PCR based analysis of epidermal cells found on adhesive tape," <i>Advances in Forensic Haemogenetic</i> , Vol. 6, 1996, pgs. 281-283. (Istituto di Anatomia e Fisiologia Umana, Universita degli Studi ti Torino, Italy).
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